

What are physical and chemical changes?

Lesson Review

Decide whether each item describes a physical change or a chemical change. Write *physical* to indicate a physical change or *chemical* to indicate a chemical change in the spaces provided.

- _____ 1. melting wax
- _____ 2. folding a paper airplane
- _____ 3. rusting of a nail
- _____ 4. breaking an egg
- _____ 5. burning oil
- _____ 6. evaporating water
- _____ 7. mixing flour and salt
- _____ 8. cutting wood into ten pieces
- _____ 9. digesting a hamburger
- _____ 10. breaking a pencil in half

Skill Challenge

Physical properties can be observed without changing the makeup of a substance. Chemical properties describe how a substance will react during a chemical change. Decide whether each example below describes a physical property or a chemical property. Place an **X** in the correct column.

Example	Physical Property	Chemical Property
1. Feels rough when touched		
2. Has a circular shape		
3. Yellow in color		
4. Turns to ash in a fire		
5. Combines with oxygen to form iron oxide		
6. Freezes at 0°C		
7. Has a volume of 100 cm ³		
8. Is a solid at room temperature		